

Elizabeth Jones

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Portfolio: <https://lizzie-jones.netlify.app/> | www.linkedin.com/in/elizabeth-jones-2026/ | Availability: January 2026

Education

Northeastern University, Boston, MA

December 2025

Khoury College of Computer Sciences

Candidate for a Bachelor of Science in Computer Science, Minor in Mathematics

Relevant Coursework: Programming Languages, Object Oriented Design, Computer Systems, Algorithms & Data, Theory of Computation, Fundamentals of Software Engineering, Web Development

Honors: GPA 3.44/4.00, Deans Scholarship

Activities: Phi Sigma Rho (VP of Finance), Boston Cares

University of Sydney, Sydney, Australia

August 2023 – November 2023

Semester Abroad

Relevant Coursework: Graphics & Multimedia, Human Computer Interaction

Computer Knowledge

Languages: Typescript | Python | Java | HTML | SQL | C++ | C | CSS | JavaScript | Junit4 | Jest Testing

Tools & Technologies: AWS | Docker | Git | GitHub | Bitbucket | VS Code | Eclipse | IntelliJ | Processing 4

Operating Systems: MacOS | Windows | Ubuntu Linux | Magma

Related Experience

Alnylam Pharmaceuticals, Cambridge, MA

January 2025 – June 2025

Software Engineering Co-op

- Built a full stack application for a team of internal scientists to visualize mass calculations for a variety of chemical compounds to streamline the visualization process and remove errors caused by manual entry.
- Developed feature for CI/CD pipeline to allow developers to point remote test environments to staging database.
- Implemented solutions using technologies including Docker, React, Python, and MySQL.
- Played a key role in planning and stakeholder communication; presented app demos to Analytics department.

Solaria Labs at Liberty Mutual, Boston, MA

January 2023 – June 2023

Full Stack Developing Co-op

- Developed, tested, and code-reviewed projects to improve upon the LibertyPlus application.
- Built responsive layouts and UI components using ReactJS, JavaScript, SCSS, and Jest testing.
- Developed backend data models, migration files, and APIs using PostgreSQL, Strapi, Node.js, and GraphQL
- Actively participated in Agile meetings to contribute to team planning and collaboration

Projects

Knowledge Extraction from Archival Lab Notebooks | IEEE Big Data | Python | Detectron2 | July 2024 – December 2024

- An AI analysis published research project through Drexel University and funded by ID4, with the goal of digitizing and structuring handwritten notebook data containing synthesized metal-organic framework experiments.
- Applied information extraction methods to make analog lab notebook data computationally ready and aid in future determination and comparison of patterns in successful and unsuccessful experiments.
- Executed basic machine learning strategies in Detectron2 to segment lab pages into three main sections – text, table, and reaction – and improve accessibility to past research for lab scientists.

CodeQuest | Typescript | React | MongoDB | Cypress

October 2024 – December 2024

- A full stack Q&A platform for software learners to ask questions, join communities based on interests, and connect with peers.
- Users can register, select interest tags, and join communities creating a personalized, interactive experience.
- Implemented a live chat functionality that supports direct messaging between users and communities.
- Developed the user profile sidebar, which displays user status (moderator/member) and added functionality for moderators to be able to remove questions from their community.